

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

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| Substitute for form 1449A/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | Application Number | 10/811,787 |
| | | | | Filing Date | March 29, 2004 |
| | | | | First Named Inventor | Grether, Martin R. |
| | | | | Art Unit | 3644 |
| | | | | Examiner Name | Not Assigned Yet |
| Sheet | 1 | of | 1 | Attorney Docket Number | BING-1-1075 |

U.S. PATENT DOCUMENTS

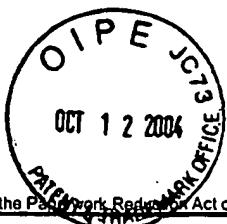
FOREIGN PATENT DOCUMENTS

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| Examiner Signature | Woodrow Eldred | Date Considered | 12-2-05 |
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

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|------------------------|-------------------|
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| First Named Inventor | Martin R. Grether |
| Art Unit | 3644 |
| Examiner Name | Not Assigned Yet |
| Attorney Docket Number | BING-1-1075 |

U. S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|----------|--|--------------------------------|--|---|
| | | Number-Kind Code ² (if known) | | | |
| GR | 1 | US- 2,422,693 | 06-24-1947 | McArthur | |
| GR | 2 | US- 2,885,133 | 05-05-1959 | Nelson | |
| GR | 3 | US- 3,908,796 | 09-30-1975 | Hurwitz | |
| GR | 4 | US- 3,937,298 | 02-10-1976 | Hurwitz | |
| GR | 5 | US- 4,479,621 | 10-30-1984 | Bergholz | |
| GR | 6 | US- 5,082,088 | 01-21-1992 | Krause | |
| GR | 7 | US- 5,090,639 | 02-25-1992 | Miller | |
| GR | 8 | US- 5,393,013 | 02-28-1995 | Schneider | |
| GR | 9 | US- 6,260,813 | 07-17-2001 | Whitcomb | |
| GR | 10 | US- 6,257,522 | 07-10-2001 | Friend | |
| GR | 11 | US- 6,514,021 | 02-04-2003 | Delay | |
| GR | 12 | US- 6,554,225 | 04-29-2003 | Anast | |
| GR | 13 | US- 6,601,798 | 08-05-2003 | Cawley | |
| GR | 14 | US- 6,619,588 | 09-16-2003 | Lambiaso | |
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FOREIGN PATENT DOCUMENTS

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|--------------------|----------|---|--------------------------------|--|---|----------------|
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| | | | | First Named Inventor | Frantz et al. |
| | | | | Group Art Unit | |
| | | | | Examiner Name | |
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| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY |
|--------------------|-----------------------|----------------------|--------------------------------------|---|--|
| | | Number | Kind Code ² (if known) | | |
| <i>M</i> | 1. | 2,422,693 | | McArthur | 06-24-1947 |
| <i>M</i> | 2. | 2,885,133 | | Nelson | 05-05-1959 |
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| <i>M</i> | 5. | 4,479,621 | | Bergholz | 10-30-1984 |
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| <i>M</i> | 13. | 6,601,798 | | Cawley | 08-05-2003 |
| <i>M</i> | 14. | 6,619,588 | | Lambiaso | 09-16-2003 |

Woodrow Eldred

12-2-05



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| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Document, | Date of Publication of Cited Document MM-DD-YYYY | T ⁶ |
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| | | Office ³ Code | Number ⁴ | Kind ⁵ (if known) | | | |
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NON PATENT LITERATURE DOCUMENTS

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| Examiner Signature | Mozelaw Elgred | Date Considered | 12-2-05 |
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